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In re Application of: Zonana et al.

Art Unit: 1632

TECH CENTER 1600/2900

Application No. 09/729,658

Filed: December 4, 2000

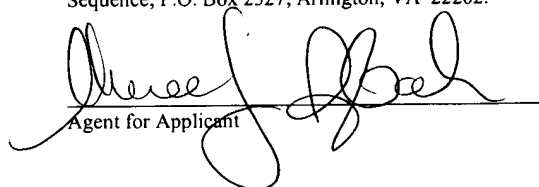
For: HYPOHIDROTIC ECTODERMAL DYSPLASIA
GENES AND PROTEINS

Examiner: Anne Marie Baker

Date: July 23, 2002

CERTIFICATE OF MAILING

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AMENDMENT

Please enter the enclosed new Sequence listing, having pages numbered 1-58, which replaces the Sequence listing filed by Applicant on October 16, 2001, having pages numbered 1-56.

Please amend the specification as follows:

Replace the paragraph on page 3, lines 26-31, with the following:

FIG. 1 is a sequence comparison of an EDA1-II (EDA) (SEQ ID NO 2) and Tabby (Ta) (SEQ ID NO 2) proteins. Amino acid identities are indicated by an asterisk (*). The transmembrane domain is boxed. A vertical line designates the start of the protein sequence unique to isoform II. The Gly-X-Y domain is indicated by boldface type, with the 2-amino acid interruption indicated by shadowed lettering. A blackened circle is shown above two potential N-linked glycosylation sites, and three C-terminal cysteines are indicated by underlining and boldface type.

Replace the paragraph on page 4, lines 7-11, with the following:

FIG. 4 is a comparison of the sequences of the central β -sheet of EDA1-II (amino acids 291-309 of SEQ ID NO 2) compared with human tumor necrosis factor (Hu TNF, SEQ ID NO